

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082223AL\
 Data File : FF013287.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 15:27
 Operator : YP\AJ
 Sample : PB154984BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB154984BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :Ankita Jodhani 08/23/2023

Integration File: autoint1.e

Quant Time: Aug 22 23:42:06 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 10 16:05:52 2023

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.893	7379746	53.712 ug/ml
Spiked Amount 50.000		Recovery =	107.42%
12) S 1-chlorooctadecane (S...	13.330	5727224	54.652 ug/ml
Spiked Amount 50.000		Recovery =	109.30%
Target Compounds			
1) T n-Nonane (C9)	3.300	5763709	53.941 ug/ml
2) T n-Decane (C10)	4.545	6135625	57.254 ug/ml
3) T A~Naphthalene (C11.7)	6.237	7090954	59.896 ug/ml
4) T n-Dodecane (C12)	6.702	6591224	60.913 ug/ml
5) T A~2-methylnaphthalene...	7.331	7149704	60.318 ug/ml
6) T n-Tetradecane (C14)	8.529	6743419	62.471 ug/ml
7) T n-Hexadecane (C16)	10.135	6922829	63.864 ug/ml
8) T n-Octadecane (C18)	11.578	7065646	64.527 ug/ml
10) T n-Eicosane (C20)	12.887	7246506	66.038 ug/ml
11) T n-Heneicosane (C21)	13.498	7019548	63.892 ug/ml
13) T n-Docosane (C22)	14.084	6999502	63.755 ug/ml
14) T n-Tetracosane (C24)	15.186	6124120	55.741 ug/ml
15) T n-Hexacosane (C26)	16.209	6758436	61.839 ug/ml
16) T n-Octacosane (C28)	17.156	6679061	61.859 ug/ml
17) T n-Tricontane (C30)	18.044	6489614	59.342 ug/ml
18) T n-Dotriacontane (C32)	18.874	6172707	54.646 ug/ml
19) T n-Tetratriacontane (C34)	19.655	5768624	54.307 ug/mlm
20) T n-Hexatriacontane (C36)	20.394	5519992	52.371 ug/ml
21) T n-Octatriacontane (C38)	21.123	5418697	53.651 ug/mlm
22) T n-Tetracontane (C40)	22.022	5680133	57.149 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082223AL\
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Operator : YP\AJ
Sample : PB154984BSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

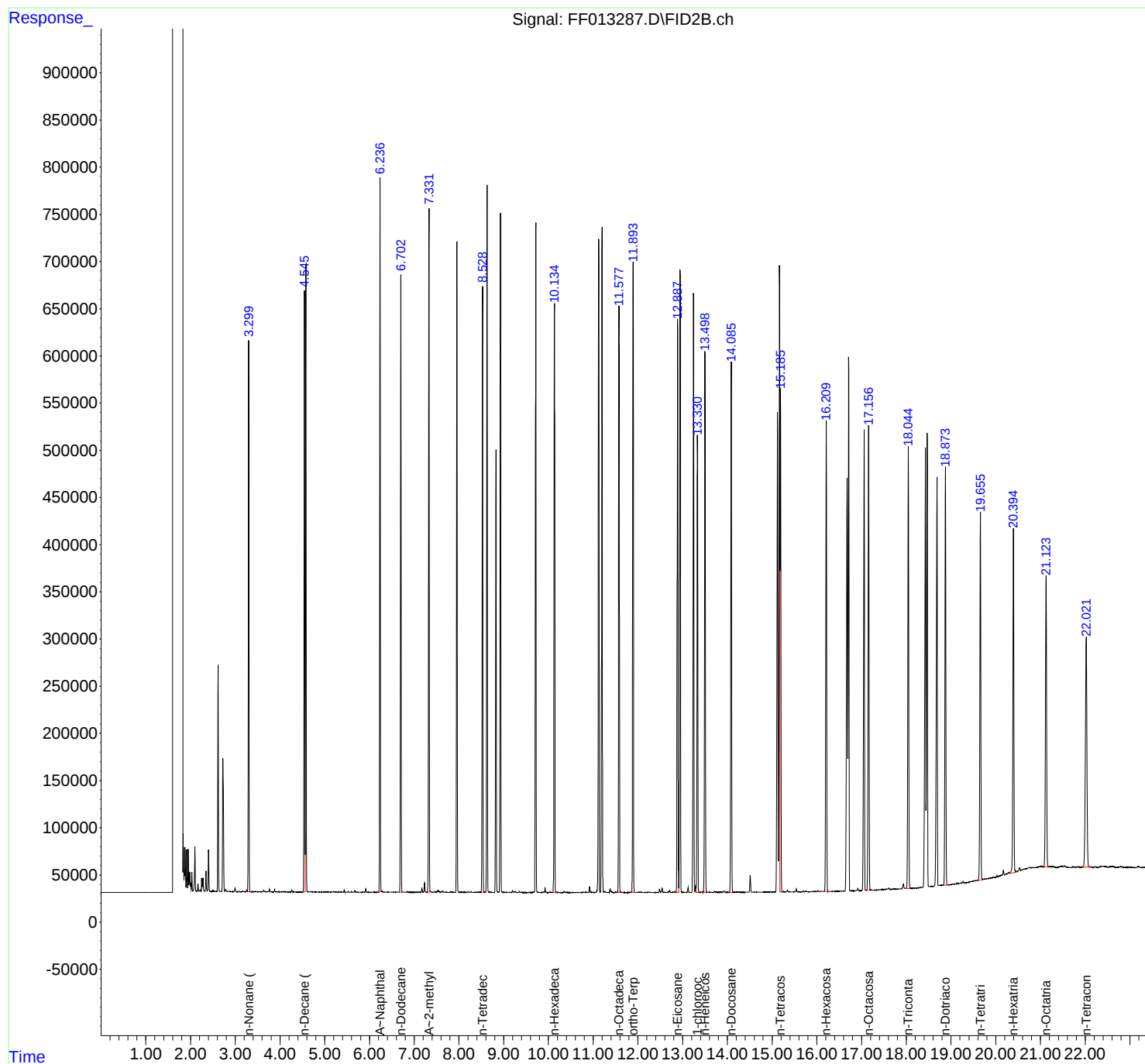
Instrument :
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PB154984BSD

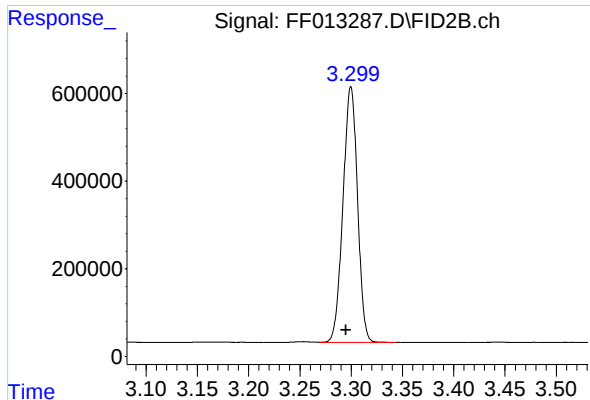
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Quant Title : GC Extractables
Qlast Update : Thu Aug 10 16:05:52 2023
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.005 min
Response: 5763709
Conc: 53.94 ug/ml

Instrument :

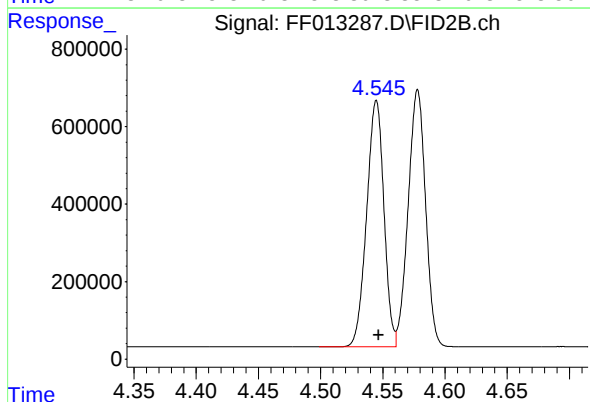
FID_F

ClientSampleId :

PB154984BSD

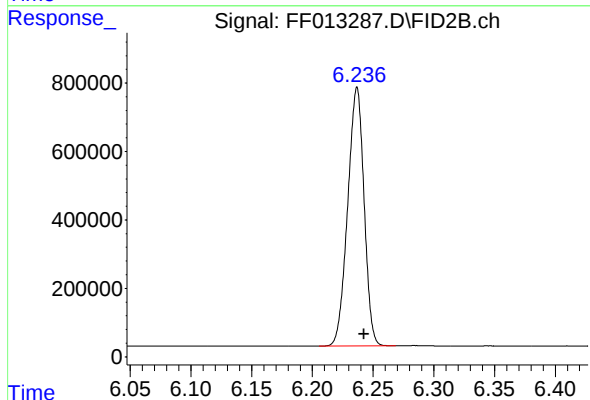
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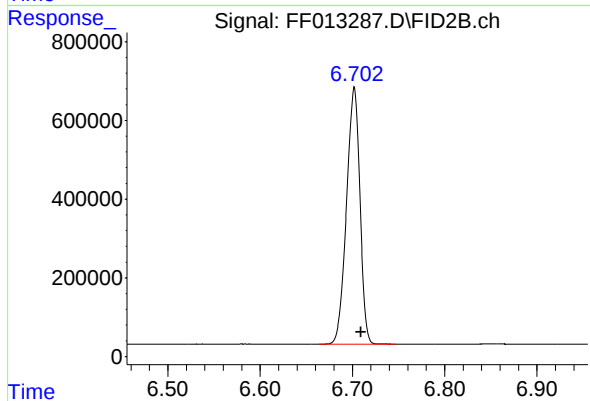
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 6135625
Conc: 57.25 ug/ml



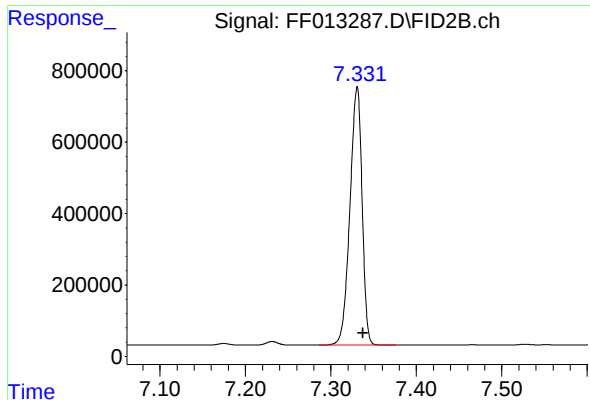
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.006 min
Response: 7090954
Conc: 59.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 6591224
Conc: 60.91 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 7149704
Conc: 60.32 ug/ml

Instrument :

FID_F

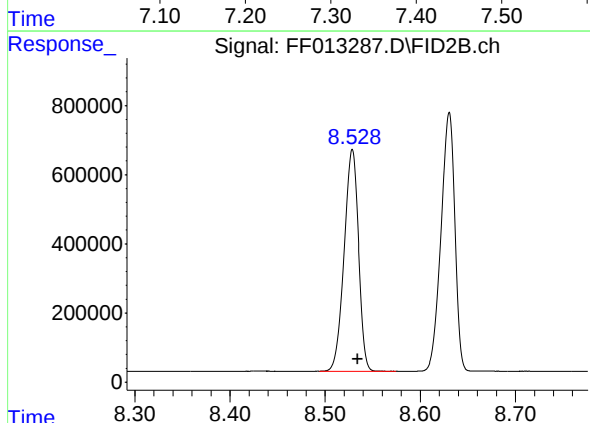
ClientSampleId :

PB154984BSD

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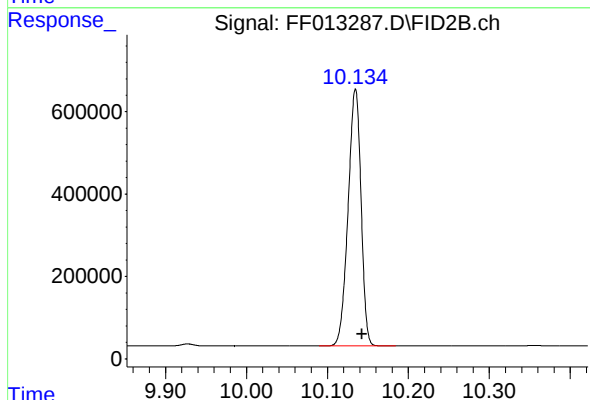
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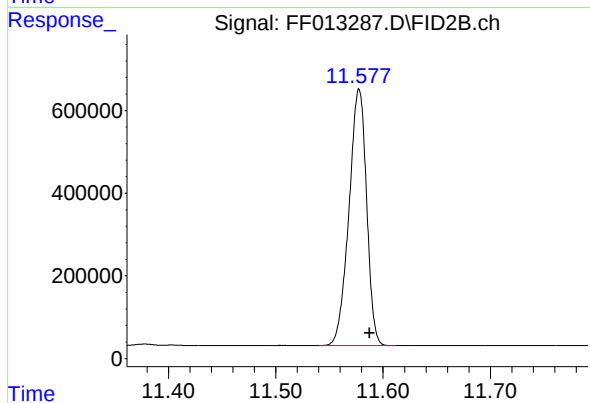
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.006 min
Response: 6743419
Conc: 62.47 ug/ml



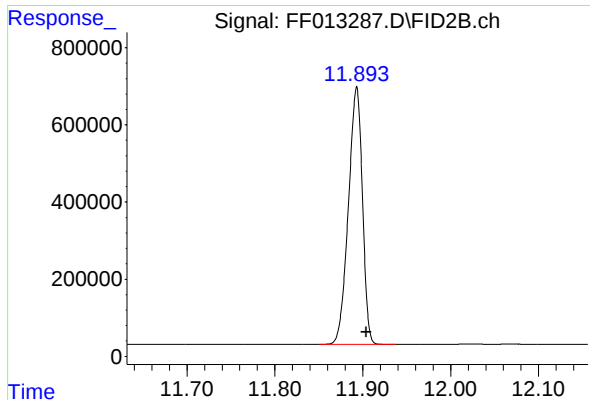
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.008 min
Response: 6922829
Conc: 63.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.010 min
Response: 7065646
Conc: 64.53 ug/ml



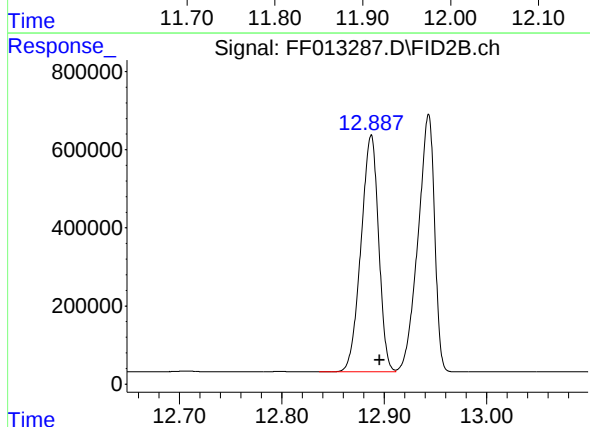
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.011 min
Response: 7379746
Conc: 53.71 ug/ml

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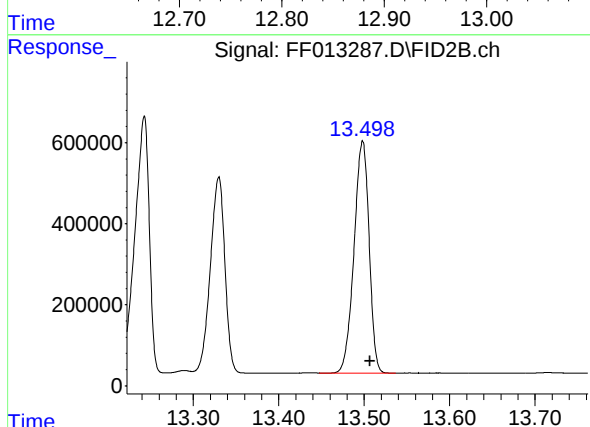
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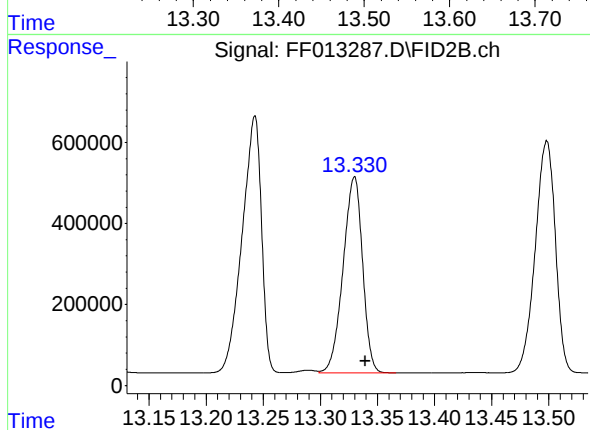
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 7246506
Conc: 66.04 ug/ml



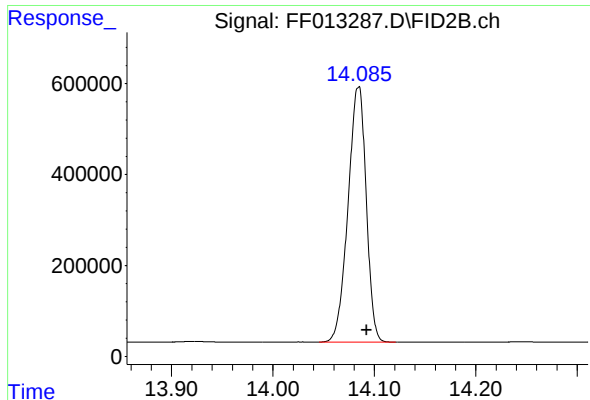
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.008 min
Response: 7019548
Conc: 63.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.330 min
Delta R.T.: -0.009 min
Response: 5727224
Conc: 54.65 ug/ml



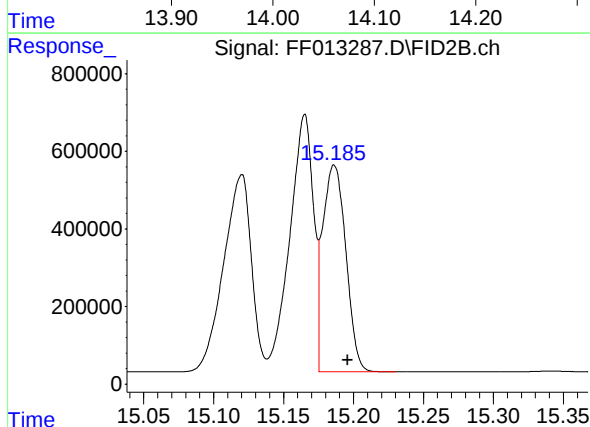
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.008 min
Response: 6999502
Conc: 63.75 ug/ml

Instrument :
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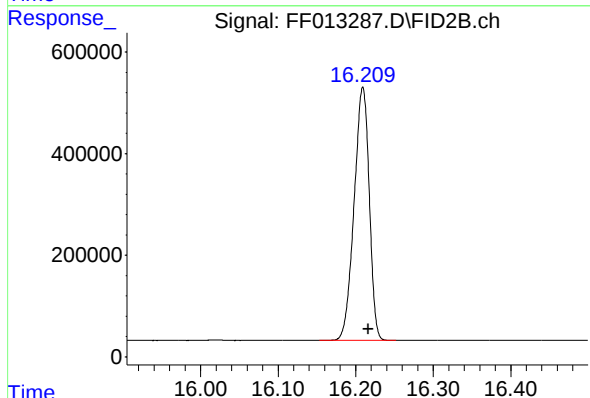
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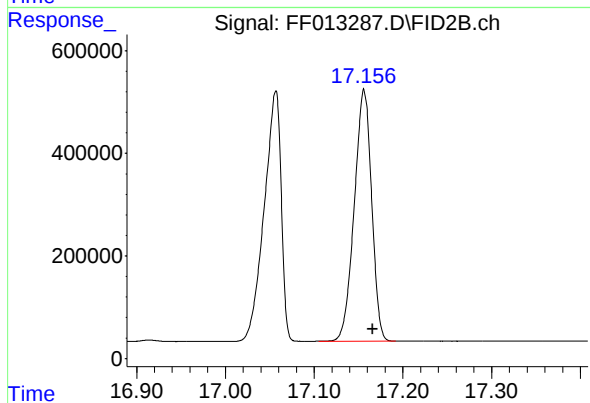
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.009 min
Response: 6124120
Conc: 55.74 ug/ml



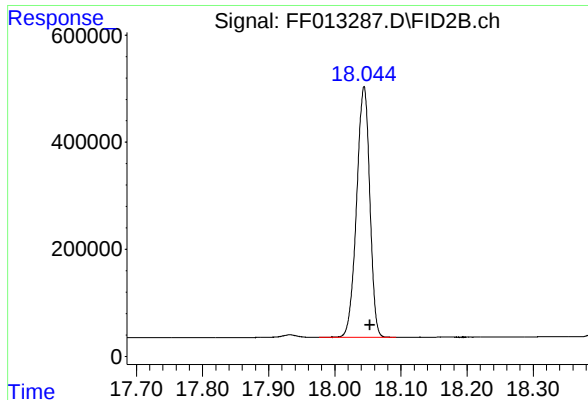
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.007 min
Response: 6758436
Conc: 61.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 6679061
Conc: 61.86 ug/ml



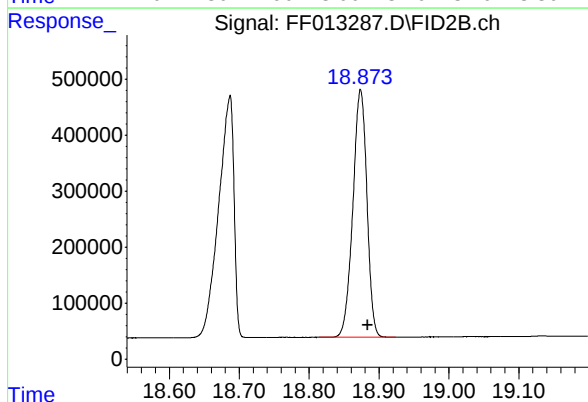
#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 6489614
Conc: 59.34 ug/ml

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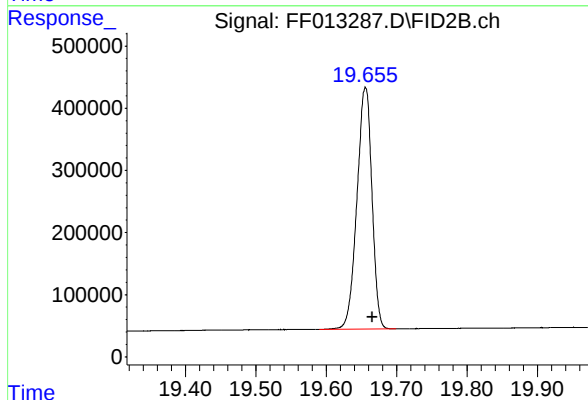
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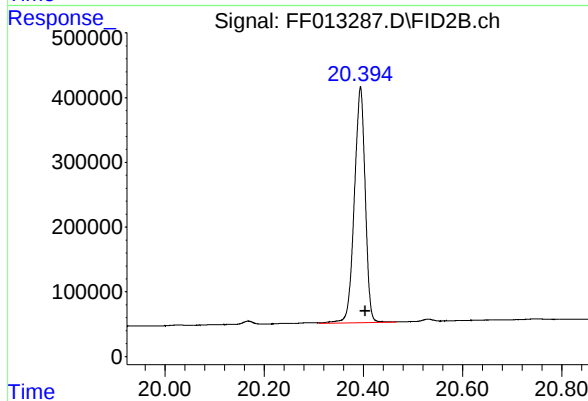
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.010 min
Response: 6172707
Conc: 54.65 ug/ml



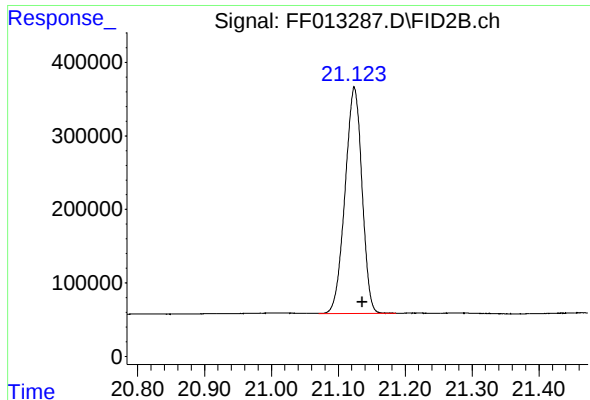
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.010 min
Response: 5768624
Conc: 54.31 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.010 min
Response: 5519992
Conc: 52.37 ug/ml



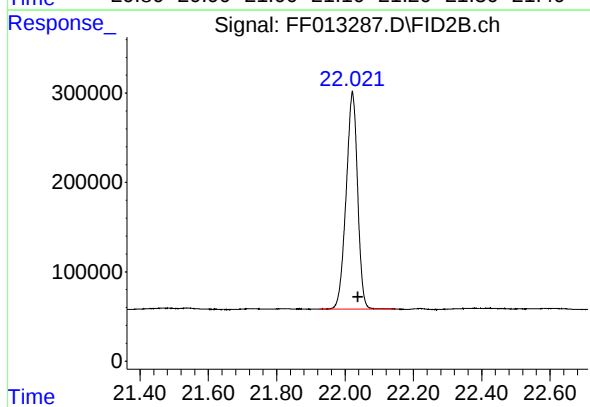
#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.013 min
Response: 5418697
Conc: 53.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: -0.016 min
Response: 5680133
Conc: 57.15 ug/ml